



Application Number

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**IDS Flag Clearance for Application 10815760**

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**IDS  
Information**

Content	Mailroom Date	Entry Number	IDS Review	Last Modified	Reviewer
M844	2004-04-02	13	Y <input checked="" type="checkbox"/>	2004-07-21 13:49:09.0	kharling
<input type="button" value="Update"/>					

10/815760

Inventor: ENDO , MICHIO

Status: 71 - RESPONSE TO NON-FINAL OFFICE ACTION ENTERED AND FORWARDED TO EXAMINER

Title: COORDINATES INPUT APPARATUS

Examiner: DHARIA, PRABODH

GAU: 2629  
Classification: 345/156.000

All tab report (3 items, not sorted)

IDS	Annot Avail	Doc Code	Date	Pages	Conten t	Entry #	Review Date	Reviewer
		1449	05/01/2006	1			N/A	
		1449	08/26/2004	1			N/A	
✓		IDS	04/02/2004	5	M844	13	07/21/2004 13:49:09	kharling

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IDS	Annot Avail	Doc Code	Date	Pages	Conten t	Entry #	Review Date	Reviewer
		1449	05/01/2006	1			N/A	
		1449	08/26/2004	1			N/A	
✓		IDS	04/02/2004	5	M844	13	07/21/2004 13:49:09	kharling

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
		joystick\$6 and (three adj dimensional or 3d) AND MAGNET\$6 and ((transducer\$1 or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:10
L1	225257	input adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:25
L2	47149	input adj device and coordinate\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 09:07
L3	13435	input adj device and coordinate\$6 and (3D or three adj dimensional)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 09:08
L4	0	input adj device and coordinate\$6 and (3D or three adj dimensional) and cyndrical adj magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 09:08
L5	6	input adj device and coordinate\$6 and (3D or three adj dimensional) and cylindrical adj magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 09:10
L6	0	input adj device and coordinate\$6 and (3D or three adj dimensional) and cylindrical adj magnet and center adj axis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 09:10
L7	1	input adj device and coordinate\$6 and (3D or three adj dimensional) and cylindrical adj magnet and center same axis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 09:11
L8	0	input adj device and coordinate\$6 and (3D or three adj dimensional) and cylindrical adj magnet and center same axis and annular same axis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 09:11

## EAST Search History

L9	0	input adj device and coordinate\$6 and (3D or three adj dimensional) and cylindrical adj magnet and center same axis and annular same magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 09:11
L10	26	input adj device and coordinate\$6 and (3D or three adj dimensional) and cylindrical and magnet and center same axis and annular same magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 09:11
L11	23	input adj device and coordinate\$6 and (3D or three adj dimensional) and cylindrical same magnet and center same axis and annular same magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 09:12
L12	17	input adj device and coordinate\$6 and (3D or three adj dimensional) and cylindrical same magnet and center same axis and annular same magnet and transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 09:12
L13	14	input adj device and coordinate\$6 and (3D or three adj dimensional) and cylindrical same magnet and center same axis and annular same magnet and transducer and tilt\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 09:13
L14	14	input adj device and coordinate\$6 and (3D or three adj dimensional) and cylindrical same magnet and center same axis and annular same magnet and transducer and tilt\$6 and detect\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 09:13
L15	14	input adj device and coordinate\$6 and (3D or three adj dimensional) and cylindrical same magnet and center same axis and annular same magnet and transducer and tilt\$6 and detect\$6 and change\$6 and magnet\$6 and field\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 09:14
L16	0	input adj device and coordinate\$6 and (3D or three adj dimensional) and cylindrical same magnet and center same axis and annular same magnet and transducer and tilt\$6 and detect\$6 and change\$6 and magnet\$6 and field\$6 and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 09:14
L17	1	input adj device and coordinate\$6 and (3D or three adj dimensional) and cylindrical and magnet and center and axis and annular and magnet and transducer and tilt\$6 and detect\$6 and change\$6 and magnet\$6 and field\$6 and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 10:19

## EAST Search History

L18	51	input adj device and coordinate\$6 and (3D or three adj dimensional) and cylindrical and magnet and center and axis and annular and magnet and transducer and tilt\$6 and detect\$6 and change\$6 and magnet\$6 and field\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 10:19
L19	2	"20040183778"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:31
L20	2	"20020039089"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:15
L21	99	Endo and Michiko	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:19
L22	15	Endo and Michiko and input adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:23
L23	5	Endo and Michiko and input adj device and (3D or three adj dimensional)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:47
L24	3	Endo and Michiko and input adj device and (3D or three adj dimensional) and magnet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:47
L25	0	Endo and Michiko and input adj device and (3D or three adj dimensional) and magnet\$6 and transducer\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:20
L26	0	Endo and Michiko and input adj device and (3D or three adj dimensional) and magnet\$6 and transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:21

## EAST Search History

L27	1	Endo and Michiko and input adj device and (3D or three adj dimensional) and magnet\$6 and cylinder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 11:21
L28	0	Endo and Michiko and input adj device and annular adj ring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:23
L29	0	Endo and Michiko and input adj device and annular and ring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:23
L30	5	Endo and Michiko and input adj device and ring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:24
L31	0	Endo and Michiko and input adj device and ring and transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:24
L32	2	"20040183778" and transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:24
L33	14311	"345"/\$.ccls. and input adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:32
L34	1002	"345"/\$.ccls. and input adj device and transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:25
L35	64	"345"/\$.ccls. and input adj device and transducer and annular	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:25
L36	42	"345"/\$.ccls. and input adj device and transducer and annular and ring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:31

## EAST Search History

L37	11	"345"/\$.ccls. and input adj device and transducer and annular and ring and cylinder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:26
L38	9	"345"/\$.ccls. and input adj device and transducer and annular and ring and cylinder and magnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:26
L39	9	"345"/\$.ccls. and input adj device and transducer and annular and ring and cylinder and magnetic and (3D or three adj dimensional)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:27
L40	0	"20040183778" and coordinate adj input adj device	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:31
L41	2	"20040183778" and coordinate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:32
L42	7648	"345"/\$.ccls. and input adj device and coordinate\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:32
L43	3068	"345"/\$.ccls. and input adj device and coordinate\$6 and magnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:32
L44	352	"345"/\$.ccls. and input adj device and coordinate\$6 and magnetic and cylinder	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:32
L45	19	"345"/\$.ccls. and input adj device and coordinate\$6 and magnetic and cylinder and annular	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:33
L46	13	"345"/\$.ccls. and input adj device and coordinate\$6 and magnetic and cylinder and annular and ring	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:33



## EAST Search History

L47	9	"345"/\$.ccls. and input adj device and coordinate\$6 and magnetic and cylinder and annular and ring and transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/19 12:35
S1	33	input adj device and cylindrical adj magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 14:09
S2	2	input adj device and cylindrical adj magnet and annular adj magnet	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 13:54
S3	1068	input adj device and cylind\$7 and magnet\$6 and annular and magnet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 11:27
S4	0	input adj device and (cylind\$7 and magnet\$6) and (annular and magnet\$6) and magnetoelectric and transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 13:55
S5	1	input adj device and (cylind\$7 and magnet\$6) and (annular and magnet\$6) and magneto adj electric and transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 13:55
S6	11	input adj device and (cylind\$7 and magnet\$6) and (annular and magnet\$6) and magnet\$6 adj electric\$6 and transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 13:56
S7	111	input adj device and cylind\$6 adj magnet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 14:21
S8	4	input adj device and cylind\$6 adj magnet\$6 and annul\$6 adj Magnet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 14:11
S9	2	input adj device and cylind\$6 adj magnet\$6 and annul\$6 adj Magnet\$6 and transducer\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 14:13

## EAST Search History

S10	25	input and device and cylind\$6 adj magnet\$6 and annul\$6 adj Magnet\$6 and transducer\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 14:14
S11	5	input and device and cylind\$6 adj magnet\$6 and annul\$6 adj Magnet\$6 and transducer\$6 and coordinat\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 14:14
S12	2	"6738043".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 14:19
S13	2	"6501458".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 07:18
S14	2	"5,969,520".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 07:19
S15	2	"5,850,142".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 07:20
S16	2	"5,619,195".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 07:21
S17	0	"5504502.pn"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 07:22
S18	2	"5504502".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 07:22
S19	2	"4,853,630".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 07:23

## EAST Search History

S20	2	"5,067,573".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 07:25
S21	2	"5,434,373".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 07:25
S22	1	computer and control\$6 and cursor and (plural\$6 and cylind\$6 adj magnet\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 14:10
S23	944	input adj device and (plural\$6 and cylind\$7 and magnet\$6 and annular and magnet\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 11:27
S24	677	input adj device and (plural\$6 and cylind\$7 and magnet\$6 and annular and magnet\$6) and (center and axis)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 11:28
S25	95	input adj device and (plural\$6 and cylind\$7 and magnet\$6 and annular and magnet\$6) and (center\$6 adj axis)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 11:40
S26	0	computer and corsor and control\$6 and (plural\$6 and cylind\$7 and magnet\$6 and annular and magnet\$6) and (center\$6 adj axis)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 11:40
S27	0	computer and corsor and control\$6 and (plural\$6 and cylind\$7 and magnet\$6 and annular and magnet\$6) and (center\$6 and axis)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 11:41
S28	177	computer and cursor and control\$6 and (plural\$6 and cylind\$7 and magnet\$6 and annular and magnet\$6) and (center\$6 and axis)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 11:41
S29	16	computer and cursor and control\$6 and (plural\$6 and cylind\$7 and magnet\$6 and annular and magnet\$6) and (center\$6 adj axis)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 11:41

## EAST Search History

S30	1371	input adj device and three adj dimensional and coordinate\$6 and (magnet\$6 and common and central and axis)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 13:45
S31	459	input adj device and three adj dimensional and coordinate\$6 and (magnet\$6 and common and central and axis) and transducer\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 13:46
S32	82	input adj device and three adj dimensional and coordinate\$6 and (magnet\$6 and common and central and axis) and transducer\$5 and (second and magnet and tilt\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 13:46
S34	5	input adj device and three adj dimensional and coordinate\$6 and (magnet\$6 and common and central and axis) and transducer\$5 and (second and magnet and tilt\$6) and (angle\$6 and displac\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 13:49
S35	1	input adj device and three adj dimensional and coordinate\$6 and (magnet\$6 and common and central and axis) and transducer\$5 and (second and magnet and tilt\$6) and (angle\$6 and displac\$6) and "324"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 13:50
S36	73056	input adj device and three adj dimensional and coordinate\$6 and (magnet\$6 and common and central and axis) and transducer\$5 and (second and magnet and tilt\$6) "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 13:51
S37	5	input adj device and three adj dimensional and coordinate\$6 and (magnet\$6 and common and central and axis) and transducer\$5 and (second and magnet and tilt\$6) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 14:07
S38	1	computer and control\$6 and cursor and (plural\$6 and cylinder\$6 adj magnet\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 14:10
S39	82	input adj device and three adj dimensional and coordinate\$6 and (magnet\$6 and common and central and axis) and transducer\$5 and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 14:11

## EAST Search History

S40	11	input adj device and three adj dimensional and coordinate\$6 and (magnet\$6 and common and central adj axis) and transducer\$5 and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 14:18
S41	0	input adj device and three adj dimensional and coordinate\$6 and (magnet\$6 and common adj central adj axis) and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 14:18
S42	6	input adj device and three adj dimensional and coordinate\$6 and (magnet\$6 and common adj central adj axis)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 14:20
S43	4	input adj device and three adj dimensional and coordinate\$6 and (magnet\$6 and common adj central adj axis) and tilt\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 14:21
S44	35	input adj device and cylind\$6 adj magnet\$6 and common and central and axis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 14:22
S45	5	input adj device and cylind\$6 adj magnet\$6 and common and central and axis and tilt\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 14:22
S46	2	input adj device and cylind\$6 adj magnet\$6 and common and central and axis and tilt\$6 and three adj dimensional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:00
S47	33184	joystick\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:32
S48	6	joystick\$6 and cylinder\$6 adj magnet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:01
S49	2	joystick\$6 and cylinder\$6 adj magnet\$6 and three and dimensional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 14:59

## EAST Search History

S50	1	joystick\$6 and cylinder\$6 adj magnet\$6 and three and dimensional and transducer\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 14:59
S51	2	input adj device and cylind\$6 adj magnet\$6 and transducer\$6 and tilt\$6 and three adj dimensional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:00
S52	1	joystick\$6 and cylinder\$6 adj magnet\$6 and transducer\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:01
S53	40041	mouse and three adj dimensional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:03
S54	16828	mouse and three adj dimensional and magnetic	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:03
S55	1939	mouse and three adj dimensional and magnetic and transducer\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:03
S56	454	mouse and three adj dimensional and (cylinder and magnetic) and transducer\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:04
S57	1	mouse and three adj dimensional and (cylinder\$6 adj magnetic\$6) and transducer\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:05
S58	458	mouse and three adj dimensional and (cylinder\$6 and magnetic\$6) and transducer\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:05
S59	78	mouse and three adj dimensional and (cylinder\$6 and magnetic\$6) and transducer\$6 and "345"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:05

## EAST Search History

S60	2	"6,266,046".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:28
S61	0	"6,266,046".pn. and three adj dimensional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:27
S62	0	"6,266,046".pn. and (three adj dimensional or 3D)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:27
S63	0	"6,266,046".pn. and transducer\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:27
S64	2	"6,043,806".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:28
S65	0	"6,043,806".pn. and transducer\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:28
S66	0	"6,043,806".pn. and three adj dimensional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:29
S67	0	"5,714,980".pn. and three adj dimensional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:29
S68	0	"5,508,719".pn. and three adj dimensional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 15:29

## EAST Search History

S69	72	input adj device and three adj dimensional and coordinate\$6 and (magnet\$6 and common and central and axis) and transducer\$5 and (second and magnet and tilt\$6) and (angle\$6 and displac\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 10:36
S70	1	"4991836".pn. and three adj dimensional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 11:14
S71	2	"6,266,046".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 11:15
S72	0	"6,266,046".pn. and three adj dimensional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 11:15
S73	0	"4,853,630".pn. and three adj dimensional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:01
S74	0	"6,144,370".pn. and (three adj dimensional or 3D)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:02
S75	26	magnet\$6 adj mouse	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:07
S76	2	"6,144,370".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:04
S77	1	magnet\$6 adj mouse and (three adj dimensional or 3D)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:05



## EAST Search History

S78	1	magnet\$6 adj input adj device and (three adj dimensional or 3D)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:06
S79	53233	mouse and (3D or three adj dimensional)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:07
S80	22838	mouse and (3D or three adj dimensional) and magnet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:08
S81	2506	mouse and (3D or three adj dimensional) and magnet\$6 and transducer	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:08
S82	2508	mouse and (3D or three adj dimensional) and magnet\$6 and transducer\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:08
S83	78	mouse and (3D or three adj dimensional) and first adj magnet\$6 and transducer\$6 and second adj magne\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:09
S84	74	mouse and (3D or three adj dimensional) and first adj magnet\$6 and (transducer\$6 and fix\$6) and second adj magne\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:11
S85	5	mouse and (3D or three adj dimensional) and first adj magnet\$6 and (transducer\$6 adj fix\$6) and second adj magne\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:10
S86	5	mouse and (3D or three adj dimensional) and first adj magnet\$6 and (transducer\$6 adj fix\$6) and second adj magnet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:10
S87	35	mouse and (3D or three adj dimensional) and first adj magnet\$6 and (transducer\$6 and fix\$6) and second adj magne\$6 and coordinate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:12

## EAST Search History

S88	38	mouse and (3D or three adj dimensional) and first adj magnet\$6 and (transducer\$6 and fix\$6) and coordinate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:13
S89	33	input adj device and (3D or three adj dimensional) and first adj magnet\$6 and (transducer\$6 and fix\$6) and coordinate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:14
S90	57	input adj device and (3D or three adj dimensional) and first adj magnet\$6 and ((transducer\$6 or sensor\$1) and fix\$6) and coordinate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:15
S91	6572	joystick\$6 and (three adj dimensional or 3d)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:33
S92	3516	joystick\$6 and (three adj dimensional or 3d) AND MAGNET\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:33
S93	1757	joystick\$6 and (three adj dimensional or 3d) AND MAGNET\$6 and (transducer\$1 or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:33
S94	27	joystick\$6 and (three adj dimensional or 3d) AND first adj MAGNET\$6 and (transducer\$1 or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:08
S95	609	joystick\$6 and (three adj dimensional or 3d) AND MAGNET\$6 and (transducer\$1 or sensor\$1 adj fix\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 14:36
S96	29	joystick\$6 and (three adj dimensional or 3d) AND MAGNET\$6 and ((transducer\$1 or sensor\$1) adj fix\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:09
S97	33	joystick\$6 and (three adj dimensional or 3d) AND first adj MAGNET\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:32

## EAST Search History

S98	1757	joystick\$6 and (three adj dimensional or 3d) AND MAGNET\$6 and (transducer\$1 or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:10
S99	1757	joystick\$6 and (three adj dimensional or 3d) AND MAGNET\$6 and (transducer\$1 or sensor\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:10
S100	595	joystick\$6 and (three adj dimensional or 3d) AND MAGNET\$6 and (transducer\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:11
S101	415	joystick\$6 and (three adj dimensional or 3d) AND MAGNET\$6 and (transducer\$1) and coordinate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:11
S102	0	joystick\$6 and (three adj dimensional or 3d) AND MAGNET\$6 and (transducer\$1 and detrmin\$6 adj coordinate\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:11
S103	60	joystick\$6 and (three adj dimensional or 3d) AND MAGNET\$6 and (transducer\$1 and determin\$6 adj coordinate\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:14
S104	103	joystick\$6 and (three adj dimensional or 3d) AND MAGNET\$6 and ((transducer\$1 or sensor\$1) and determin\$6 adj coordinate\$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:14
S105	0	joystick adj magnet\$6 adj couple\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:20
S106	105	joystick and magnet\$6 adj couple\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:20
S107	54	joystick and magnet\$6 adj couple\$6 and three adj dimensional	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:21

## EAST Search History

S108	44	joystick and magnet\$6 adj couple\$6 and (three adj dimensional or 3D) and coordinate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:27
S109	0	"6,266,046".pn. and (three adj dimensional or 3D)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:25
S110	0	"6,043,806".pn. and (three adj dimensional or 3D)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:25
S111	0	"5,714,980".pn. and (three adj dimensional or 3D)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:25
S112	0	"5,508,719".pn. and (three adj dimensional or 3D)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:25
S113	0	"5,504,502".pn. and (three adj dimensional or 3D)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:26
S114	3973	joystick and (three adj dimensional or 3D) and coordinate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:27
S115	0	joystick and (three adj dimensional or 3D) adj determin\$6 adj coordinate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:28
S116	246	joystick and (three adj dimensional or 3D) and determin\$6 adj coordinate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:28
S117	158	joystick and (three adj dimensional or 3D) and determin\$6 adj coordinate\$1 and magnet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:30

## EAST Search History

S11 8	250	joystick and provid\$6 and (three adj dimensional or 3D) adj coordinate\$1 and magnet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:30
S11 9	0	joystick adj provid\$6 and (three adj dimensional or 3D) adj coordinate\$1 and magnet\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:30
S12 0	2	joystick adj provid\$6 and (three adj dimensional or 3D) adj coordinate\$1	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:30
S12 1	19	joystick\$6 and (three adj dimensional or 3d) AND first adj MAGNET\$6 and coordinate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/22 15:32
S12 2	1	"6,288,854".pn. and slid\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/23 12:31
S12 3	1	"4,991,836".pn. and slid\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/23 12:56
S12 4	1	"4,991,836".pn. and slid\$6 and rotate\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/23 13:06
S12 5	379116	"4,991,836".pn. and slid\$6 and rotate\$6 qand tilt\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/23 13:06
S12 6	1	"4,991,836".pn. and slid\$6 and rotate\$6 and tilt\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/23 13:14
S12 7	1	"4,853,630".pn. and slid\$6 and rotate\$6 and tilt\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/23 13:17

## EAST Search History

S12 8	6	"2004013718"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/23 13:42
S12 9	2	"20040183778"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/23 13:42